Updated:06/14/2006

STERILEX

Material Safety Data Sheet

Ultra-Kleen™CW-502 Powder

1 – Product and Company Information

Product Name:	**Ultra-Kleen™CW-502 Powder**
Chemical Family:	Cleaning Compound, Other Than Liquid (Non-Hazardous)
Company :	THE STERILEX CORPORATION 11409 Cronhill Drive Ste L Owings Mills, MD 21117
Information Phone Number:	(800) 511-1659
Emergency Phone Number:	(800) 255-3924
DOT ID:	Not Regulated
Hazard Class:	(DOT) - NA
EPA registration number:	63761-2

2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV
n-Alkyl(C_{14})- dimethyl benzylammonium chloride	8001-54-5	15 mg/m^3*	10 mg/m^3**
n-Alkyl(C_{12})- dimethyl benzylammonium chloride	68424-85-1	15 mg/m^3*	10 mg/m^3**
n-Alkyl(C_{16})- dimethyl benzylammonium chloride	139-08-2	15 mg/m^3*	10 mg/m^3**
Sodium Carbonate Peroxyhydrate	15630-89-4	15 mg/m^3*	10 mg/m^3**

* Total Dust TWA Particulates not otherwise regulated
** Inhalable particulate (1989) TWA Particulates not otherwise classified

3 - Physical/Chemical Characteristics

Boiling Point: NA
Vapor Pressure (mm Hg): NA
Vapor Density (air=1): NA
Solubility in Water: Appreciable
Appearance and Odor: Mixed light pink granular powder
No appreciable odor
NA = Not Applicable

Specific Gravity: NA
Melting Point: NA
Evaporation Rate (water=1): <1
pH: ~11.0 (5% Solution)

4 - Fire and Explosion Hazard Data

Flash Point: NA
UEL: NA

Flammable Limits LEL: NA
Method Used: NA

Extinguishing Media: This product is not combustible. Use extinguishing media suitable for surrounding materials.
Special Fire Fighting Procedures: This product is not combustible; however since it is a mild oxidizer it will supply oxygen to a fire, and should be treated accordingly.

5 - Reactivity Data

Stability: Stable
Conditions to Avoid: Excessive heat

Incompatibility (Materials to Avoid): Organic materials which may oxidize easily, e.g. sawdust, solvents or surfactants.
Hazardous Decomposition or Byproducts: Extreme thermal decomposition could result in the formation of oxides of carbon.

6 - Health Hazard Data

Route(s) of Entry (Evaluated by probability of entry occurring.)

Inhalation? Strong Absorption? Strong (Via Skin/Eye Contact) Ingestion? Unlikely (With good hygienic practice)

Health Hazards (Acute and Chronic)

Acute and chronic health hazards are difficult to accurately assess for mixtures. In general, see this and the "Signs and Symptoms" section for acute effects. Long term effects would have to be derived from these immediate results. Specific chronic effects can be studied from the individual hazardous chemicals as indicated under Section 2 as the best guess without extensive laboratory studies.

Carcinogenicity

NTP? None known IARC Monographs? None known OSHA Regulated? None known

Signs and Symptoms of Exposure

Can cause strong skin irritation, severe eye and mucous membrane irritant.

Medical Conditions Generally Aggravated by Exposure

A knowledge of the available toxicology information and the physical properties of the material suggest that exposure is unlikely to aggravate an existing medical condition; however, chemically sensitive individuals may develop a skin rash or irritation upon use, handling, or minor contact. Due to the widely varying uses and personal exposures possible, an individual will have to evaluate their particular situation.

Emergency and First Aid Procedures

EYES: Immediately flush eyes with water or eye wash solution for at least 15 minutes. Seek medical attention as soon as possible. FAST RESPONSE DURING THE FIRST MINUTE after eye contact is critical for preventing possible permanent eye damage.

SKIN: Wash twice with soap and warm water for at least 15 minutes. If any pain or irritation persists, see a doctor.

INHALATION: Remove to fresh air, give oxygen if needed, or artificial respiration to maintain breathing. Get a doctor if indicated. Do not leave victim unattended.

INGESTION: Wash out mouth and other contacting parts with water. Never give anything to an unconscious person. If conscious, DO NOT induce vomiting. Give one or two glasses of water, milk or milk of magnesia.

7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Dry material should be swept up. Clean material should be reused or saved for the next use. Contaminated material should be swept up or shoveled up and placed in suitable containers for disposal as required, by an authorized waste operation.

Waste Disposal Method

Since State and local laws and some Federal regulations vary greatly from situation to situation, and since these materials are mixtures, no one preferred waste disposal method can be given. However, one must keep in mind that these types of products, in a highly diluted or completely neutralized state, present no particular environmental hazard and can be treated as ordinary waste and discharged to a sanitary sewer. If a river, lake, stream, creek or watershed may contaminate drinking water or well water, do not discharge the product or its effluent. Any discharge must be specifically permitted by the proper authorities, such as DER, DEP or EPA, depending on your local and state laws.

Precautions to be Taken in Handling and Storage

SPECIAL PRECAUTIONS:

Do not subject product to excessive heat.
Do not mix with any other chemicals except under direct supervision of a chemist or technically trained supervisor.
Do not allow contamination of product with any foreign material.

Do not store in direct sun.
Keep container closed when not in use.
Do not exceed container integrity (i.e. improper double or triple decking of palletized goods).

Other Precautions

Keep out of reach of children. Do not contaminate foodstuffs. Mix only with water. Launder all contaminated clothing before re-use. Discard any gloves, boots, and other articles that cannot be properly cleaned. ALWAYS wash thoroughly with soap and water after handling or working with chemicals, especially before eating, drinking, smoking, or using a rest room. Do not wear contact lens while handling this product.

8 – Exposure Control/PPE

Respiratory Protection (Specific Type): Dust Mask.

Engineering Controls

Local Exhaust: Recommended
Mechanical Exhaust: Usually sufficient

Protective Gloves

Heavy duty pvc, rubber or similar type is recommended for repeated contact with use solution or any direct contact with concentrate.

Eye Protection

Chemical splash goggles are always recommended, as are eyewash fountains where irritating chemicals are being handled.

Other Protective Clothing or Equipment: NA

Work/Hygienic Practices

Always wash thoroughly with soap and water after handling or working with chemicals, especially before eating, drinking, smoking or using a restroom. Launder dirty uniforms regularly.

9 - Documentary Information

Comments

This document was prepared in accordance with 29 CFR 1910.1200. All information, recommendations and suggestions appearing herein concerning this product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Sterilex as to the effects of such use, the results to be obtained, or the safety and toxicity of this product, nor does Sterilex assume any liability arising out of use by others of this product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional circumstances exist or because of applicable laws or government regulations.

Seller assumes no responsibility for injury to buyer or to third parties or for any damage to property. Buyer assumes all risks.
Buyer also assumes responsibility for disposal of all products, as a result of using this product, as a residue, as a leftover, or as another resultant product of which this product was a part.

10 - Regulatory Information

CERCLA Status: NA

FIFRA: Ultra Kleen CW 502 is registered with the EPA (EPA reg.no 63761-2), in accordance with section 3 of FIFRA, as a pesticide product.

RCRA Status: NA

SARA Title III CERCLA List: NA

SARA Section 313 Toxic Chemicals (per 40 CFR 372): None

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TSCA Inventory Status: All components are listed on TSCA Inventory.